



REV:	<b>ENGINEERING DATA REQUIREMENTS</b> (ATTACHMENT "A")	
NOTE: MILITARY SPECIFICATIONS I/STANDARDS WILL NOT BE FURNISHED IN THE BID SET.		
1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF <div style="text-align: center;">RING, SPLINED SLIDE - STRUT ASSY, MLG</div>		
2. PART NUMBER	3. NATIONAL STOCK NUMBER	
4G13496-103A	1620 00 123 3782	
4. THE FOLLOWING SPECIFICATIONS/STANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS SO INDICATED.		
a. Machine per LAC 0701, in lieu of DS 30003.		
b. Identify to meet drawing requirements and MIL-STD-130 with the following notes, in lieu of STP63-001. Serial number shall be vibropeened, or steel stamped, in 0.09" letters 0.004" - 0.007" deep in the location indicated. If the drawing does not indicate a location, OO-ALC/LILE will provide S/N location instructions. Serialization of item shall be accomplished as follows: The serialization will begin with the CAGE of the contractor named on the contract, followed by a dash and the two (2) digit year of manufacture, followed by a dash and a sequentially unique three (3) digit number. A contractor who receives numerous intermittent contracts will start serialization of item with the next number in sequence of the prior contract. If a contract produces more than 1000 items, the serial number should appear like this: "S/N 98747-95-001"		
c. Penetrant inspect per ASTM E1417, Type I, Method B or C, Level 3 or 4, in lieu of STP 53-201, with the following acceptance/rejection criteria: NO DEFECTS ALLOWED. The intent of NO DEFECTS ALLOWED is that the inspection is conducted at the required sensitivity level and there shall be no indications allowed. The inspector performing the inspection shall be level II certified, with the inspection procedure developed by a level III as specified in NAS-410.		
d. Shot peen per SAE AMS-S-13165, in lieu of STP 51-501.		
e. Apply rust preventive oil per VV-L-800 in lieu of DS 300000. (code H)		
f. Threads per MIL-S-8879, SAFETY CRITICAL.		
h. Use beryllium copper per AMS 4535, in lieu of QQ-C-530.		
5. The required forgings will be procured from the qualified forging source using the original certified forging procedures and dies.		
a. Prior to contract award, the detail part bidder will provide certification, from the forging source to the government, that the certified dies and forging procedures are available and that the forging source has an agreement with the detail part bidder to provide forgings for his use in the event that he is the successful bidder.		
b. Prior to production, forging lot qualification will be accomplished as specified on the forging drawing, MIL-A-22771, and the specified requirements of Lockheed material standard STM 05-101. The contractor will assure that this is or has been accomplished by the forging source and will submit certified documentation of accomplishment to the government.		
PREPARED BY	SYMBOL	DATE
ORIN HATCH	LGMPM	29 Jan 01

REV:	ENGINEERING DATA REQUIREMENTS CONTINUATION SHEET (ATTACHMENT "A")	
PART NUMBER 4G13496-103A		NATIONAL STOCK NUMBER 1620 00 123 3782
<p>6. FORGING SOURCE, CONTROL AND LOCATION OF DIES:</p> <p>a. Forging drawing: 4G13497-991A      Lockheed GA.      CAGE 98897</p> <p>b. Control of forging: Unknown.      Die number: Unknown.</p> <p>c. Location of forging: Brush Wellman Inc.      CAGE 4Z798 17876 St. Clair St. Cleveland, OH 44110</p> <p>7. Material Review Board disposition:</p> <p>a. OO-ALC/LILE system engineering retains all rights to review and accept MRB dispositions prior to shipment of discrepant item. All deviations, minor and major, from the engineering drawing package will be submitted for MRB disposition.</p> <p>b. Prior to contract award, the contractor will certify to the government in writing full compliance with manuals, specifications, and standards called out and required for the manufacture of this contracted landing gear component/assembly. The contractor is responsible to completely search all required documents and fully understand the necessary requirements to manufacture the stated item. Any questions can be forwarded to this office OO-ALC/LILE</p> <p>9. After contract award the successful bidder shall provide a copy of the processing documentation (routing documents and process specifications) to LILE for final review before production begins.</p>		
PREPARED BY ORIN HATCH	SYMBOL LGMPM	DATE 29 Jan 01

**SOURCE QUALIFICATION REQUIREMENTS**  
(PL98-525, SECTION 2319)

STOCK NR (NSN)1620-00-123-3782  
NOUN: Splined Slide Ring

PART NUMBER (P/N)4G13496-103A  
AIRCRAFT: C-5

**SECTION C**

**QUALIFICATION REQUIREMENTS THAT MUST BE SATISFIED TO BECOME A QUALIFIED SOURCE:**

1. Because of the need for uninterrupted item support to military aircraft systems while keeping with the requirements of PL 98-525, the current acquisition need not and generally will not be delayed to provide an offeror an opportunity to qualify. Normal acquisition practices at OO-ALC should preclude the denial of opportunity to any interested offeror.
2. The offeror must provide a pre-contract award qualification article, which meets the requirements of the engineering drawings, material specifications, and process specifications. However, successful completion of the qualification testing does not guarantee any contract award. If the offeror is deemed qualified and awarded the contract, a post-contract award first article exhibit may be required to verify production capability.
3. The qualification article will be subjected to form, fit, and function verification as well as required testing to assure compliance with data list and other applicable procurement criteria. The qualification article shall demonstrate full compatibility and comparability with existing parts.
4. The required materials will be procured from a qualified source and shall meet the requirements of their respective specifications. The offeror will assure that the supplier has accomplished this and shall submit certified documentation of accomplishment of the above requirements to the purchaser along with the pre-contract award qualification article.
5. The required forgings shall be procured from the qualified forging source using the original certified forging procedures and dies. Forging material and lot qualifications shall be accomplished as required in the specified forging drawing, P/N 4G13496-103A and specification MIL-F-7190. The offeror shall assure that this is or has been accomplished by the forging source and will submit certified documentation of accomplishment of the above requirements to the government along with the pre-contract award qualification article.
6. The qualification article once submitted will become subject to such testing as deemed necessary by the U.S. Government to prove that the article meets all dimensional, processing and functional requirements. Such testing may result in the destruction of the article. Following completion of necessary testing and evaluation, the article no matter what its condition shall be returned to the contractor or disposed of at his discretion and direction whether it was found acceptable or not.
7. Form verification: The U.S. Government's Quality Verification Center (QVC) will be used to insure compliance with the dimensional requirements of the article. Material and processing compliance will also be verified as required.
8. Fit/function verification: Existing components and government test stands and fixtures will be utilized to verify physical interface and functional performance of articles.

**SOURCE QUALIFICATION REQUIREMENTS**  
(PL98-525, SECTION 2319)

STOCK NR (NSN) 1620-00-123-3782  
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9. Testing for material and process compliance.

- |                       |                |
|-----------------------|----------------|
| (a) Material analysis | (e) Finish     |
| (b) Heat treat        | (f) Grain flow |
| (c) Grinding          | (g) Other      |
| (d) Plating           |                |

10. Remarks:

- a. Organic verification capabilities exist at OO-ALC.
- b. Testing requirements outside organic capabilities will be contracted out.

11. The estimated cost of government testing and evaluation is \$3000.

12. Maximum time for testing of the qualification article will not exceed 30 days from receipt at testing agency.

**SECTION D**

**QUALIFICATION WAIVER REQUIREMENTS.**

1. An offerer who has had previous experience in the manufacture and qualification of items, which can be correlated with this product, may apply to the design control authority at OO-ALC for a waiver of the above stated qualification requirements.

a. The qualification waiver criteria utilized by the design control authority to perform a qualification analysis are available upon request. The qualification waiver criteria may be used as a guide in preparing the offerer's written input to the design control authority.

b. The burden of proof for written inputs is on the offerer. The design control authority will not pursue authenticity verification of claims made by the offerer of product manufacturing experience with other Government or non-Government agencies. Unsubstantiated claims will not be considered in the waiver analysis process.

c. This waiver will be granted if and only if the design control authority (LILE) can establish the qualifications of the offerer through the evaluation of written inputs from the offerer or from previous knowledge of the offerer's capabilities or from previous experience with the offerer on similar item acquisitions. If there is any doubt about the offerer's capability, the offerer will be required to submit a pre-qualification article. There is no guarantee of qualification by similarity. LILE reserves the right to require a pre-qualification article of all offerers.

2. The current acquisition need not and will not be delayed in order to provide an offerer with an opportunity to meet the requirements for qualification waiver.

3. Maximum time for approval of qualification by similarity will not exceed 15 days.